

Converting Colors

$Y_{xy}(45.0775, 0.3501, 0.3545)$

Have a look what the booklet for
Yxy(45.0775, 0.3501, 0.3545)
contains.

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Color

Yxy(45.0323, 0.3509, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	C6AF9B
RGB	198, 175, 155
RGB Percent	78%, 69%, 61%
CMY	0.2235, 0.3137, 0.3922
CMYK	0.00, 0.12, 0.22, 0.22
HSL	28°, 27%, 69%
HSV	28°, 22%, 78%
XYZ	44.5373, 45.0323, 37.3535
YIQ	179.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

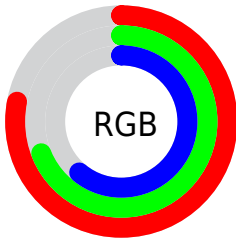
Format	Color
RYB	198, 192, 155
Decimal	13021083
CIELab	72.91, 5.11, 13.29
CIELCh	73, 14.239, 68.964
Yxy	45.0323, 0.3509, 0.3548
Android (android.graphics.Color)	4291211163 (0xFFC6AF9B)
YUV	179.5970, -12.1263, 16.1394
Hunter-Lab	67.1061, 1.0320, 13.9715

Details

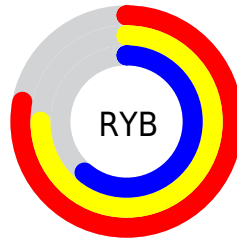
The Yxy color **45.0323, 0.3509, 0.3548** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8908, 0.2788, 0.3017**, and the grayscale version is **45.4743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0153, 0.3440, 0.3512**, and **21.0947, 0.3620, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **40.4595, 0.3725, 0.3674**, and if you desaturate by 10%, it is **50.0418, 0.3319, 0.3426**.

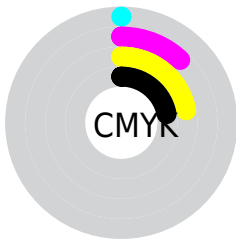
Distribution



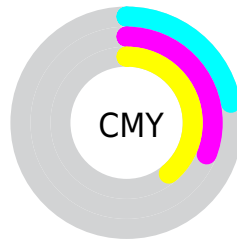
- Red (78%)
- Green (69%)
- Blue (61%)



- Red (78%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (22%)




- Cyan (22%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0323, 0.3509, 0.3548 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.0323, 0.3509, 0.3548 by changing the saturation by 10% instead.


 45.0323, 0.3509,
0.3548


 45.0323, 0.3509,
0.3548

366.9044, 0.3316,
0.3420

 31.4829, 0.3558,
0.3579


 82.7689, 0.3438,
0.3502

 20.9668, 0.3620,
0.3619


 107.7248, 0.3412,
0.3485

 13.0997, 0.3704,
0.3671

137.2517, 0.3390,
0.3470

 7.4973, 0.3822,
0.3742

171.7340, 0.3371,
0.3457

 3.7750, 0.3998,
0.3844

211.5560, 0.3354,
0.3446

 1.5485, 0.4328,
0.4036

257.1021, 0.3340,

 0.3225, 0.5722,

0.3437

0.4278

308.7568, 0.3327,
0.3428

0.0000, 0.0000,
0.0000

45.0323, 0.3509,
0.3548

45.0323, 0.3509,
0.3548

40.4595, 0.3725,
0.3674

50.0418, 0.3319,
0.3426

36.3045, 0.3969,
0.3798

55.4940, 0.3153,
0.3309

32.5561, 0.4236,
0.3913

61.4025, 0.3010,
0.3201

29.1999, 0.4521,
0.4010

67.7783, 0.2886,
0.3100

26.2206, 0.4812,
0.4074

74.6322, 0.2778,
0.3008

■ 23.6016, 0.5091,
0.4095

■ 80.7033, 0.2781,
0.3114

■ 21.3241, 0.5339,
0.4062

■ 87.0737, 0.2790,
0.3228

■ 19.6759, 0.5517,
0.4002

■ 90.7475, 0.2794,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.0323, 0.3516, 0.3396



45.0323, 0.3509, 0.3548



45.0323, 0.3397, 0.3637

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0323, 0.3509, 0.3548



45.0323, 0.2845, 0.3349



45.0323, 0.3031, 0.2975

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.0323, 0.3509, 0.3548



42.8908, 0.2788, 0.3017

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.0323, 0.2858, 0.2955



45.0323, 0.3509, 0.3548



45.0323, 0.2753, 0.3163

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0323, 0.3509, 0.3548



45.0323, 0.3012, 0.3523



45.0323, 0.2758, 0.3021



45.0323, 0.3235, 0.3073

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0323, 0.3509, 0.3548



45.0323, 0.3280, 0.3644



45.0323, 0.2758, 0.3021



45.0323, 0.2967, 0.2959

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.0343, 0.3509, 0.3548



92.9611, 0.3240, 0.3371



38.6902, 0.3330, 0.2988



19.7716, 0.3250, 0.3378



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.0343, 0.3509, 0.3548



75.8618, 0.3607, 0.3607



53.7918, 0.3456, 0.3801



11.4363, 0.3278, 0.3398



12.9617, 0.5495, 0.4019



0.7583, 0.5155, 0.4289

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.8908, 0.2788, 0.3017



71.4026, 0.2713, 0.2951



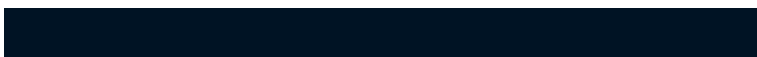
35.2104, 0.2767, 0.2722



11.2114, 0.2983, 0.3180



9.5179, 0.1809, 0.1711



0.5946, 0.1908, 0.2069

Previews

White Background



This preview shows how the Yxy color 45.0323, 0.3509, 0.3548 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.0323, 0.3509, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

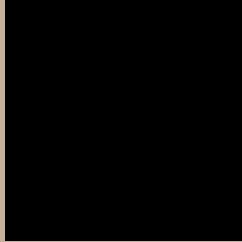
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0323, 0.3509, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 45.0323, 0.3509, 0.3548.



This preview shows how white text looks on a background with the Yxy color 45.0323, 0.3509, 0.3548.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.0323, 0.3509, 0.3548

Protanopia

45.2393, 0.3380, 0.3581

Deuteranopia

44.8845, 0.3574, 0.3493



Tritanopia

45.1431, 0.3297, 0.3129

Trichromacy



Original Color

45.0323, 0.3509, 0.3548

Protanomaly

45.3175, 0.3428, 0.3579

Deuteranomaly

44.8440, 0.3543, 0.3507

Tritanomaly

44.9397, 0.3383, 0.3278

Monochromacy



Original Color

45.0323, 0.3509, 0.3548

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3459, 0.3264, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0323, 0.3509, 0.3548 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 175, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 175, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 175, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 175, 155) }
```

Border

The CSS property to change the border of an element to Yxy 45.0323, 0.3509, 0.3548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 175, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 175, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 175, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 175,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0323, 0.3509, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 175, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
175, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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